

WHAT IS CLAIMED IS:

1. An on-vehicle video camera comprising:
imaging means which converts image light into an
electrical imaging signal to output the imaging signal as a
video signal in a predetermined format;

light emitting means for lighting an imaging area of
said imaging means; and

control means for controlling the imaging operation of
said imaging means and the lighting operation of said light
emitting means so as to be operably synchronized with each
other.

2. An on-vehicle video camera according to Claim 1,
wherein said light emitting means includes means for
emitting infrared light in a predetermined band, and said
imaging means does not filter out an infrared signal
component in the predetermined band which is contained in
the imaging signal.

3. An on-vehicle video camera according to Claim 1,
wherein said control means causes said light emitting means
to emit light during the imaging operation of said imaging
means when said control means detects that a vehicle light
has been turned on.

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4. An on-vehicle video camera according to Claim 1, wherein said control means determines illuminance of the surroundings of a vehicle, and causes said light emitting means to emit light during the imaging operation of said imaging means according to the determined illuminance.

5. An on-vehicle video camera according to Claim 1, wherein said imaging means and said light emitting means are included in a housing which forms an outside mirror of a vehicle.

6. An on-vehicle video camera according to Claim 5, wherein said control means causes said imaging means to perform the imaging operation when said control means detects a predetermined operation of a turn signal of the vehicle.